

AquaRise® Takes the LEED



Located in the Pierrefonds sector of the Pierrefonds/Roxboro borough area of Québec, a new police station was recently built with the environment in mind. The station, which will be gold LEED (Leadership in Energy and Environmental Design) certified, features a green roof and comprehensive energy saving systems and building materials from renewable sources. The new Pierrefonds police station also features a geothermal system for hot water, delivered throughout the facility via the latest water distribution system from IPEX – AquaRise®.

A solid alternative to metal, AquaRise delivers hot and cold potable water in commercial, industrial and high buildings. This CPVC distribution system comes with reduced material costs and saves valuable time and money on job sites. Its proven strength, highly-engineered construction and robust fittings provide long-term performance, pressure rating and corrosion resistance for years of consistent flow and maintenance-free performance. All transition fittings used a simple solvent cement system that make AquaRise faster and easier to assemble than soldering traditional copper systems.

"AquaRise is faster to install than copper piping, and I am confident that it will last for a longer time," says Richard Grenier with IngémeL Experts Conseils, the engineering firm responsible for the

design of the water distribution system for the new station. "We have been using the product for about two or three years, and we believe it is the better choice for our customers."

At the police station, 2-inch AquaRise was used for the main distribution system, which then transitions down to 1/2 inch for the hot and cold potable water throughout the facility. All hot water is achieved using an energy-efficient geothermal recirculation system, and because the new station is built on-grade all water distribution is deployed on the first floor. The new station uses System XFR® from IPEX for the drainage and wastewater, the industry's first fire-rated PVC system for all types of low and high building construction.

Like all IPEX integrated solutions, AquaRise pipe, valves and fittings are designed to function as a system, yet flexible enough to work universally with other products. Meeting the requirements of CSA B137.6, AquaRise passes the punishing burst pressure tests conforming to ASTM F442. And since it's built and backed by IPEX, AquaRise also comes with superior technical support and jobsite trouble-shooting.